

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	16	gonon near bertrand. in.	US-PGPUB; USPAT	ADJ	ON	2009/07/02 14:24
S5	6	("4558989".pn. or wo- 9312825-\$.did. or wo- 0056232-\$.did. or wo- 0141656-\$.did.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/02 14:26
S6	5	((("4565500") or ("4818186") or ("4828543") or ("4842584") or ("4850998"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/07/02 14:27
S7	7	(wo-9639952-\$.did. wo- 9601079-\$.did. ep- 0346712-\$.did. wo- 9410917-\$.did. ep- 0879578-\$.did. de- 3019115-\$.did.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 14:28
S10	445	604/30.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/02 15:08
S11	905	604/246.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/02 15:09
S12	638	604/247.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/02 15:09
S13	381	604/140-141.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/02 15:10
S14	69	604/71.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/02 15:11
S15	557	604/82.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/02 15:17
S16	29	S15 and (micro\$5 same (doses or dosage or injection) )	US-PGPUB; USPAT	ADJ	ON	2009/07/02 15:17
S17	47	S15 and (micro\$7 same (doses or dosage or injection) )	US-PGPUB; USPAT	ADJ	ON	2009/07/02 15:18
S18	235	S15 and valve	US-PGPUB; USPAT	ADJ	ON	2009/07/02 15:18

S19	43	("1102953"   "1546016"   "3194440"   "3442424"   "3595232"   "3734351"   "3780730"   "4044757"   "4187845"   "4504267"   "4512764"   "4576603"   "4666430"   "4753371"   "4830510"   "4857055"   "4915688"   "4957436"   "4997083").PN. OR ("5308334").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/02 15:22
S20	103	(S10 or S11 or S12 or S13 or S14 or S15) and (deliver\$4 same sequential\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/02 15:29
S21	140	("0754037"   "1469501"   "1832817"   "2105690"   "2381749"   "2473912"   "2845090"   "2912018"   "3023750"   "3053422"   "3122181"   "3153414"   "3178075"   "3217947"   "3357601"   "3367545"   "3384113"   "3385481"   "3405845"   "3468308"   "3585982"   "3595467"   "3640277"   "3662929"   "3667652"   "3708089"   "3718236"   "3739947"   "3840009"   "3894538"   "3949911"   "4043489"   "4049158"   "4111613"   "4203441"   "4222127"   "4235236"   "4237881"   "4331728"   "4335835"   "4360131"   "4373341"   "4376500"   "4379453"   "4410321"   "4468220"   "4478044"   "4491250"   "4507116"   "4510734"   "4511355"   "4513884"   "4518103"   "4553685"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/02 15:31

		"4567948"   "4640445"   "4646946" "4648955"   "4673392"   "4675020" "4679706"   "4687423"   "4802343" "4804366"   "4838856"   "4847093" "4850978"   "4870805"   "4886514" "4893730"   "4896794"   "4898209" "4902278"   "4923095"   "4936829" "4946439"   "5009340"   "5022564" "5024657"   "5032619"   "5035351" "5049129"   "5054651"   "5080652" "5090963"   "5106374"   "5116316" "5133701"   "5137186"   "5167631" "5179982"   "5219331"   "5301851" "5333763"   "5398851").PN. OR ("5578005").URPN.				
S25	63	(S10 or S11 or S12 or S13 or S14 or S15) and fragile	US-PGPUB; USPAT	ADJ	ON	2009/07/02 15:51
S26	10	("4945050"   "5066587"   "5240855" "5405779"   "5506125"   "5525510" "5584807"   "5701878"   "5733600" "5753496").PN. OR ("6232113").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/02 15:57
S33	49	("5584807").URPN.	USPAT	ADJ	ON	2009/07/02 16:18
S34	24	("5865796").URPN.	USPAT	ADJ	ON	2009/07/02 16:19
S35	21	(S21 or S33 or S34) and (micro\$7 same (doses or dosage or injection) )	US-PGPUB; USPAT	ADJ	ON	2009/07/02 16:27
S47	445	604/30.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/08 13:50
S48	905	604/246.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/08 13:50

S49	638	604/247.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/08 13:50
S50	381	604/140-141.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/08 13:50
S51	69	604/71.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/08 13:50
S52	557	604/82.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/08 13:50
S53	1929	(S47 or S48 or S49 or S50 or S51 or S52) and valve\$	US-PGPUB; USPAT	ADJ	ON	2009/07/08 13:50
S56	17	S53 and ( working (liquid or fluid) )	US-PGPUB; USPAT	ADJ	ON	2009/07/08 13:51
S60	59	("2921582"   "3768472"   "3805783").PN. OR ("4059107").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/08 15:08
S66	15	("20020055707"   "20040059286"   "3605745"   "3640277"   "4059107"   "4437859"   "5298023"   "5911703"   "6102896"   "6224567"   "6406455"   "6645170"   "6652483"   "6689101").PN. OR ("7217253").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/08 15:21
S67	42	("2101140"   "3605745"   "3640277"   "3690318"   "4059107"   "4065230"   "4150672"   "4403609"   "4421508"   "4437859"   "4518385"   "4623332"   "4680027"   "4722728"   "4874367"   "5024656"   "5062830"   "5073165"   "5074843"   "5116313"   "5190523"   "5312335"   "5399163"   "5480381"   "5503627"   "5503628"   "5505697"   "5520639"   "5599302").PN. OR ("5911703").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/08 15:22

S68	45	("2695611"   "2762369"   "2762370"   "3189029"   "3292621"   "3424154"   "3859996"   "3910266"   "4031783"   "4059107"   "4403609"   "4722728"   "4838857").PN. OR ("5116313").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/08 15:23
S71	18	("4966579"   "5059174"   "5069668").PN. OR ("5188603").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/08 18:10
S73	60	(US-20050090778-\$ or US-20040092864-\$ or US-20020198564-\$ or US-20080294096-\$ or US-20080255500-\$ or US-20050240157-\$ or US-20050203330-\$ or US-20040054320-\$ or US-20020177772-\$ or US-20060258986-\$ or US-20040210188-\$ or US-20030120202-\$ or US-20020055707-\$). did. or (US-6423027-\$ or US-6322533-\$ or US- 6066150-\$ or US- 4558989-\$ or US- 4828543-\$ or US- 5308334-\$ or US- 5059174-\$ or US- 5578005-\$ or US- 4857056-\$ or US- 4141379-\$ or US- 6461325-\$ or US- 4823833-\$ or US- 5656032-\$ or US- 4243030-\$ or US- 4405316-\$ or US- 4705506-\$ or US- 7517335-\$ or US- 6232113-\$ or US- 5336188-\$ or US- 5584807-\$ or US- 6835186-\$ or US- 6860870-\$ or US- 7217254-\$ or US- 4915688-\$ or US- 4512764-\$ or US- 6547787-\$).did. or (US- 5188603-\$ or US-	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/08 19:24

		6716190-\$ or US- 5560317-\$ or US- 6063055-\$ or US- 7163130-\$ or US- 6010485-\$ or US- 4059107-\$ or US- 6258063-\$ or US- 7217253-\$ or US- 6652483-\$ or US- 5911703-\$ or US- 5116313-\$ or US- 5298023-\$ or US- 4966579-\$ or US- 5368570-\$ or US- 6471674-\$ or US- 4867743-\$).did. or (WO-0141656-\$ or WO- 0056232-\$ or WO- 9312825-\$ or WO- 9639952-\$).did.				
S74	44	S73 and valv\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/08 19:24
S75	11	S74 and (impulse or pulse)	US-PGPUB; USPAT	ADJ	ON	2009/07/08 19:24
S76	131	604/518.ccls..	US-PGPUB; USPAT	ADJ	ON	2009/07/08 19:49
S77	54	S76 and valv\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/08 19:49
S78	44	S77 and (automatic or auto\$4 or control\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/08 19:54
S79	10	S77 not S78	US-PGPUB; USPAT	ADJ	ON	2009/07/08 20:03
S80	26	604/519.ccls..	US-PGPUB; USPAT	ADJ	ON	2009/07/08 20:04
S81	9	S80 and valv\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/08 20:04
S82	557	604/82.ccls..	US-PGPUB; USPAT	ADJ	ON	2009/07/08 20:07
S83	236	S82 and valv\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/08 20:08
S84	166	S83 and (automatic or auto\$4 or control\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/08 20:08
S86	12	("4338190"   "4586920"   "4618343"   "5091094"   "5261876"   "5344392").PN. OR ("5925011").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/08 20:34

S87	21	("3825493"   "4239041"   "4311587"   "4311687"   "4586920"   "4718890"   "4747822"   "5004459"   "5643201"   "5683584"   "5808181"   "5827820"   "5925011"   "5944684"   "6074559"   "6254567"   "6280632"   "6635179").PN. OR ("6758975").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/08 20:35
S95	557	604/ 82.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/10 13:15
S106	236	S95 and valv\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/10 13:27
S107	43	("3305446"   "3756237"   "3760984"   "3797494"   "3845770"   "3854480"   "3921636"   "3941126"   "3948254"   "3993072"   "3993073"   "3995631"   "4177256"   "4217894"   "4219022"   "4233973"   "4256104").PN. OR ("4484909").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/10 13:29
S109	48	S108 and ((dose or dosage or amount) same (tubing or tube) )	US-PGPUB; USPAT	ADJ	ON	2009/07/10 13:34
S111	7783	valv\$4 and ((dose or dosage or amount) same length same (tubing or tube) )	US-PGPUB; USPAT	ADJ	ON	2009/07/10 13:37
S113	1665	S111 and ( program\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/10 13:37
S114	1110	S113 and (mix\$5)	US-PGPUB; USPAT	ADJ	ON	2009/07/10 13:38
S128	906	604/246.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/15 14:16
S129	149	S128 and program\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/15 14:16
S130	2776	604/247-256.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/15 14:17
S131	169	S130 and program\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/15 14:17

S132	157	S131 not S129	US-PGPUB; USPAT	ADJ	ON	2009/07/15 14:17
S162	99	(US-20050090778-\$ or US-20040092864-\$ or US-20020198564-\$ or US-20080294096-\$ or US-20080255500-\$ or US-20050240157-\$ or US-20050203330-\$ or US-20040054320-\$ or US-20020177772-\$ or US-20060258986-\$ or US-20040210188-\$ or US-20030120202-\$ or US-20020055707-\$). did. or (US-6423027-\$ or US-6322533-\$ or US- 6066150-\$ or US- 4558989-\$ or US- 4828543-\$ or US- 5308334-\$ or US- 5059174-\$ or US- 5578005-\$ or US- 4857056-\$ or US- 4141379-\$ or US- 6461325-\$ or US- 4823833-\$ or US- 5656032-\$ or US- 4243030-\$ or US- 4405316-\$ or US- 4705506-\$ or US- 7517335-\$ or US- 6232113-\$ or US- 5336188-\$ or US- 5584807-\$ or US- 6835186-\$ or US- 6860870-\$ or US- 7217254-\$ or US- 4915688-\$ or US- 4512764-\$ or US- 6547787-\$).did. or (US- 5188603-\$ or US- 6716190-\$ or US- 5560317-\$ or US- 6063055-\$ or US- 7163130-\$ or US- 6010485-\$ or US- 4059107-\$ or US- 6258063-\$ or US- 7217253-\$ or US- 6652483-\$ or US- 5911703-\$ or US- 5116313-\$ or US- 5298023-\$ or US-	US-PGPUB; USPAT; USOCR; EPO; DERWENT	ADJ	ON	2009/07/15 19:14



		4966579-\$ or US- 5368570-\$ or US- 6471674-\$ or US- 4867743-\$ or US- 4432754-\$ or US- 6981967-\$ or US- 5322500-\$ or US- 4044757-\$ or US- 6464667-\$ or US- 5897527-\$ or US- 5925011-\$ or US- 4618343-\$ or US- 6254567-\$ or US- 5808181-\$).did. or (US- 4559036-\$ or US- 6017318-\$ or US- 5697899-\$ or US- 6615825-\$ or US- 6435175-\$ or US- 5897526-\$ or US- 5569181-\$ or US- 6206850-\$ or US- 5807312-\$ or US- 5505707-\$ or US- 4573974-\$ or US- 5830176-\$ or US- RE33924-\$ or US- 5059173-\$ or US- 4258712-\$ or US- 6520937-\$ or US- 4424056-\$ or US- 4511352-\$ or US- 5961488-\$ or US- 7488309-\$ or US- 4533347-\$ or US- 4540403-\$ or US- 4925444-\$ or US- 4978337-\$ or US- 5439452-\$ or US- 5116316-\$ or US- 6234997-\$).did. or (US- 2669937-\$).did. or (WO-9312825-\$).did. or (WO-0141656-\$ or WO-0056232-\$ or WO- 9312825-\$ or WO- 9639952-\$).did.				
S163	8	S162 and restrictor	US-PGPUB; USPAT	ADJ	ON	2009/07/15 19:14
S173	11	(viscosity same open\$4 same clos\$4 same time same valve) and (viscosity same (dose or dosage) )	US-PGPUB; USPAT	ADJ	ON	2009/07/15 22:34

**7/ 16/ 2009 11:56:13 AM**

**C:\ Documents and Settings\ jyeh\ My Documents\ EAST\ Workspaces\ 10500990 -  
microscopic dose with valve control branches.wsp**